

BUREAU OF RECLAMATION
GEOLOGIC LOG OF BORE HOLE BXS-AH-2

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PROJECT UST's Vandenberg, AFB FEATURE BX Service Station STATE Ca.
LOCATION - ID (TANK NO.) BXS-AH-2 FACILITY NO. _____ DATE STARTED 07/22/91 DATE COMPLETED 07/22/91
COORDINATES N: 2099318.53 E: 5799902.44 GROUND ELEV. 453.29 ft.
DEPTH TO WATER AND DATE MEAS. 8.0 ft (10/22/91) TOTAL DEPTH 21.0 ft. EL. TOP OF CASING (MEAS. PT.) _____
HOLE TYPE OR PURPOSE Soil Sampling and Water Quality WELL IDENTIFICATION NUMBER BXS-MW-2
HOLE LOGGED BY Bennie Sanchez DRILLED BY U.S. Bureau of Reclamation REVIEWED BY _____
QA BY _____ QA DATE _____ CUTTINGS DRUM NO. _____

NOTES	SAMPLE ID (TIME)	SAMPLE INTERVAL	WELL COMPLETION	OVA READINGS (PPM)	DEPTH (FEET)	LITHOLOGIC LOG	SOIL TYPE (USCS)	INTERPRETATION
<p>Drilling Method: hollow stem augered with 5 ft. flutes (8.5 in. O.D., 4.5 in. I.D.).</p> <p>Sampling Method: drive sampling in 5 ft. intervals using a 24 in. split tube drive sampler lined with 4 2-in. x 6-in. brass tubes. After retrieving the sampler, the ends of the bottom 2 tubes are covered with tin foil and capped with a plastic cap. These tubes are labeled and put on ice. The soil from the remaining 2 tubes is logged and then discarded.</p> <p>Decontamination: drive sampler and brass tubes are washed after each run using Liqui-nox wash, tap and distilled water rinse. All down hole equipment is steam cleaned before using on another hole. Cuttings are containerized in 55 gal. drums (DOT-R-1706). Wash water containerized in 55 gal. poly drums.</p>	BXS-AH-2A (1030)	5-6			5		Fill	0.0-3.0 ft. Fill: consists of about 60-70% fine to medium gravel, subangular to subrounded; about 30-40% fine to medium sand; maximum size, medium gravel; brown, dry.
	BXS-AH-2B (1100)	10-11			10		SP	3.0-19.3 ft. Poorly Graded Sand (SP): about 100% predominantly fine sand; dry to damp - hit water at about 12 ft., brown - change in color to gray at about 5 ft. Alternated colors from brown to gray. Moderate hydrocarbon (HC) at 5 ft. and stronger at 10 ft.
	BXS-AH-2C (1125)	15-16			15			19.3-21.0 ft. Sandy Clay (CH): about 70% high plastic fines; about 30% predominantly fine sand; no reaction with HCl.
	BXS-AH-2D (1140)	20-21			20		CH	
					25			
					30			
					35			
					40			
					45			